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(54) **Hydraulically actuated tool for mounting and dismounting rolling mill roll neck bearings**

(57) A tool is disclosed for axially urging a bearing assembly (10) into and out of a seated position on the neck (18) of a roll in a rolling mill. The tool includes a piston (74) surrounded by a cylinder (66). The piston is removably fixed to the roll neck and is configured to internally subdivide the cylinder into first and second chambers (76a,76b). Fluid conduits (84a,84b) are arranged to alternatively pressurize the first and second chambers to alternatively shift the cylinder with respect to the thus fixed piston in opposite first and second directions. Movement of the cylinder in the first direction urges the bearing assembly into its seated position, and movement of the cylinder in the opposite second direction dislodges the bearing assembly from its seated position.

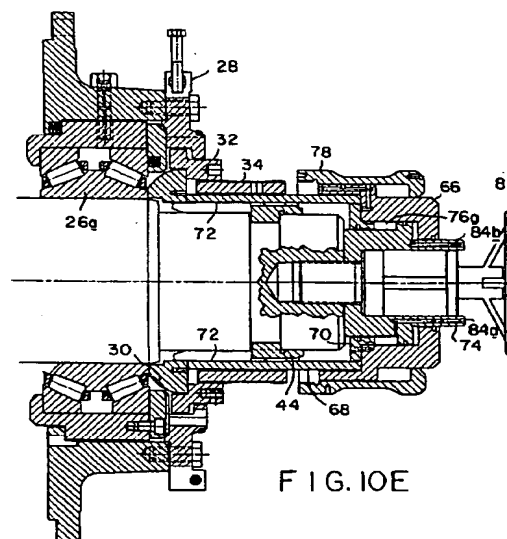


FIG. 10E



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 00 30 5992

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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29 March 2001	Examiner Rosenbaum, H
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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